



Lenel OnGuard® Multi-Server Enterprise™



Advanced Enterprise Security Integration

OnGuard Multi-Server Enterprise for Microsoft Windows 2000 Server is the industry's first multi-server, synchronized database solution designed for use by enterprises that have multiple facilities in multiple geographical locations.

OnGuard Multi-Server Enterprise enables corporate security and IT managers to have central control over the entire integrated security system. At the same time, regional offices are able to maintain independence and operate their individual regional security systems autonomously.

Central Database Storage Facilities

OnGuard Multi-Server Enterprise allows corporate security managers to have complete command and control over all system and event information. All cardholder and access field data that is accumulated at the Regional Servers is synchronized and logged to a central Enterprise Server. This gives corporate security managers full viewing control over central alarm monitoring, reporting and auditing functionality.

Autonomous Regional Operations

OnGuard Multi-Server Enterprise offers regional system administrators autonomous control over their regions, independent of the Enterprise Server and the corporate wide area network. Each regional system administrator has total control over all access control field hardware and system information that is related to his or her respective region. Furthermore, regional administrators and operators can view, manage and modify only the information and field hardware that is related to their regions.

Multi-Database Synchronization

At periodic intervals, each of the Regional Servers performs a synchronization process with the Enterprise Server using wide area network communication. All access control field and event information, as well as updated cardholder information, is uploaded to the Enterprise Server. The Enterprise Server then distributes any changes received from other Regional Servers, so that all servers can operate with up-to-date information.

Scalability for Multinational Sites

OnGuard Multi-Server Enterprise is scalable, which makes it ideal for any size installation. OnGuard Multi-Server Enterprise supports an unlimited number of Regional Servers and client workstations without system degradation. As an organization grows, the powerful, transaction-based architecture of OnGuard Multi-Server Enterprise permits the system to grow and expand, while utilizing the same access control field hardware and application software.

Third Party Human Resource Interface

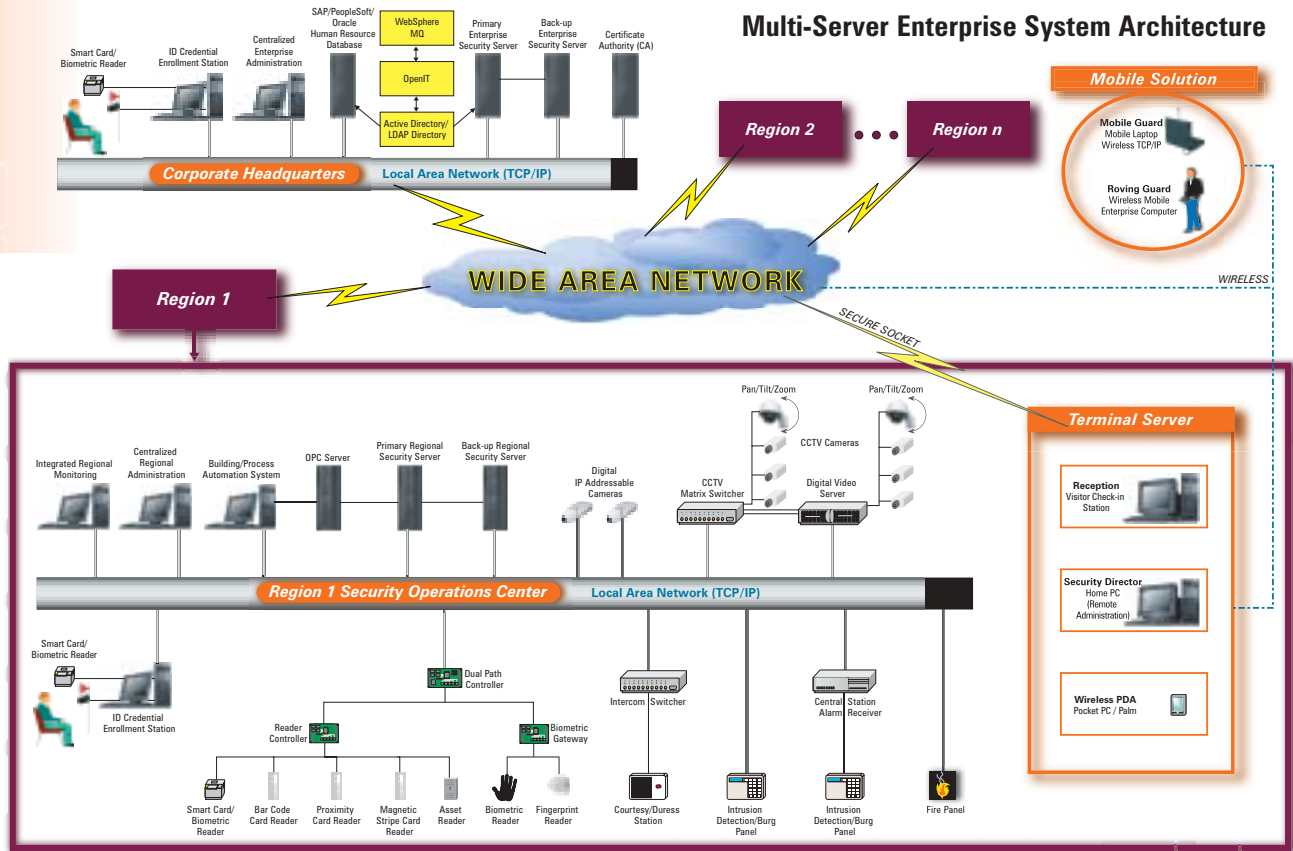
OnGuard Multi-Server Enterprise' advanced interfacing capabilities facilitate bidirectional communication with third party databases—such as human resource systems—to transfer cardholder information. Updates occur in real-time, and cardholder information is automatically downloaded to all associated access panels. If an employee is terminated, for instance, the information is transferred from the HR system to OnGuard Multi-Server Enterprise, which automatically removes all access rights for the cardholder and downloads the required information to the access controllers.

Advantages

- ▶ Advanced, High End Integrated Security System Utilizing Microsoft Windows 2000 Server
- ▶ Open Architecture Design Using Commercial Off-the-Shelf Products
- ▶ Centralized Security Operations Maintaining Local Site Independence
- ▶ Centralized Database for Complete Alarm Monitoring, Auditing, and Reporting
- ▶ A Single ID Card Solution
- ▶ Scalability for Large Multinational Sites
- ▶ Interfaces with Third Party HR Systems
- ▶ Data Synchronization Between Multiple Databases via LAN/WAN Connections
- ▶ Multi-Region, Simultaneous Alarm and Event Monitoring from Central Locations
- ▶ Advanced System Replication Status UI
- ▶ MobileBadge™ Functionality for Enrolling Cardholders at Remote Sites
- ▶ Segmented Database Architecture
- ▶ Intelligent Fault Tolerant Response System
- ▶ Advanced Network Design
- ▶ Powerful Import and Export Capabilities
- ▶ Unlimited Expansion and Scalability
- ▶ A Total Security Knowledge Management Solution with interfaces to:
 - ▶ Credential Management
 - ▶ Digital Video Systems
 - ▶ Intrusion Detection
 - ▶ Visitor Management
 - ▶ Information Security
 - ▶ Asset Management
 - ▶ Paging Systems
 - ▶ E-mail Systems
 - ▶ HR Systems
 - ▶ Time and Attendance Systems



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A Single Card Enterprise Solution

With OnGuard Multi-Server Enterprise, each cardholder carries a single ID card that is usable at all regional sites in the system. Once the cardholder database has been distributed to the regions, the regional administrators can assign unique access levels for those cardholders who are allowed at that region. OnGuard Multi-Server Enterprise' advanced security enables system administrators and operators to assign access levels for only those card readers that belong to their respective regions.

Multi-Region Monitoring and Administration

The power and flexibility of OnGuard Multi-Server Enterprise allows system operators to monitor alarms in multiple regions simultaneously. This means that regional operators might, for example, monitor alarm and event information locally during working hours, while Enterprise operators might monitor alarms from all of the regions after hours. An unlimited number of regions can be monitored simultaneously. OnGuard Multi-Server Enterprise also allows Enterprise system administrators to configure and administer multiple regions from a single site.

OnGuard Multi-Server Enterprise Capacities

- ▶ Regional Servers: Unlimited
- ▶ Cardholders: Unlimited
- ▶ Simultaneous Users: Unlimited
- ▶ Card Readers: Unlimited
- ▶ Alarm Inputs: Unlimited
- ▶ Client Workstations: Unlimited
- ▶ Time Zones: Unlimited
- ▶ Simultaneous Monitoring: Unlimited
- ▶ User Privilege Levels: Unlimited
- ▶ Relay Outputs: Unlimited

Securing Access to the Future...Today!™



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